



TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424
El Paso, Texas 79932

800•378•1298
888•588•3443

806•794•1296
915•585•3443

FAX 806•794•1298
FAX 915•585•4944

E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Dorsey Rogers
Cimarex
207 S MESA
Carlsbad, NM, 88220

Report Date: December 28, 2006

Work Order: 6122816



Project Location: Sec 8, T19S, R54E, API#30-025-37192

Project Name: Pipeline A Fed Com #3

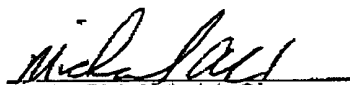
Project Number: Pipeline A Fed Com #3

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
112791	#001 E Leg 8'	soil	2006-12-27	09:00	2006-12-28
112792	#002 N Leg 8'	soil	2006-12-27	09:30	2006-12-28
112793	#003 E Inside Leg 10'	soil	2006-12-27	10:00	2006-12-28
112794	#004 W Inside Leg 10'	soil	2006-12-27	10:30	2006-12-28
112795	#005 W Leg 10'	soil	2006-12-27	11:00	2006-12-28
112796	#006 Background	soil	2006-12-27	11:30	2006-12-28

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 5 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.


Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.



Closure
NMCD APPROVED 1.3.06

12/28/2006 THU 04:27 [TX/RX NO 6898] 002

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Analytical Report

Sample: 112791 - #001 E Leg 8'Analysis: Chloride (Titration)
QC Batch: 33195
Prep Batch: 28855Analytical Method: SM 4500-Cl B
Date Analyzed: 2006-12-28
Sample Preparation: 2006-12-28Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		23.6	mg/Kg	2	2.00

Sample: 112792 - #002 N Leg 8'Analysis: Chloride (Titration)
QC Batch: 33195
Prep Batch: 28855Analytical Method: SM 4500-Cl B
Date Analyzed: 2006-12-28
Sample Preparation: 2006-12-28Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		5.03	mg/Kg	2	2.00

Sample: 112793 - #003 E Inside Leg 10'Analysis: Chloride (Titration)
QC Batch: 33195
Prep Batch: 28855Analytical Method: SM 4500-Cl B
Date Analyzed: 2006-12-28
Sample Preparation: 2006-12-28Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		111	mg/Kg	2	2.00

Sample: 112794 - #004 W Inside Leg 10'Analysis: Chloride (Titration)
QC Batch: 33195
Prep Batch: 28855Analytical Method: SM 4500-Cl B
Date Analyzed: 2006-12-28
Sample Preparation: 2006-12-28Prep Method: N/A
Analyzed By: SM
Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		190	mg/Kg	2	2.00

Sample: 112795 - #005 W Leg 10'Analysis: Chloride (Titration)
QC Batch: 33195
Prep Batch: 28855Analytical Method: SM 4500-Cl B
Date Analyzed: 2006-12-28
Sample Preparation: 2006-12-28Prep Method: N/A
Analyzed By: SM
Prepared By: SM

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Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		97.5	mg/Kg	2	2.00

Sample: 112796 - #006 Background

Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 33195 Date Analyzed: 2006-12-28 Analyzed By: SM
Prep Batch: 28855 Sample Preparation: 2006-12-28 Prepared By: SM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		5.42	mg/Kg	2	2.00

Method Blank (1) QC Batch: 33195

QC Batch: 33195 Date Analyzed: 2006-12-28 Analyzed By: SM
Prep Batch: 28855 QC Preparation: 2006-12-28 Prepared By: SM

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.500	mg/Kg	2

Laboratory Control Spike (LCS-1)

QC Batch: 33195 Date Analyzed: 2006-12-28 Analyzed By: SM
Prep Batch: 28855 QC Preparation: 2006-12-28 Prepared By: SM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	100	mg/Kg	1	100	<0.500	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	99.6	mg/Kg	1	100	<0.500	100	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 112800

QC Batch: 33195 Date Analyzed: 2006-12-28 Analyzed By: SM
Prep Batch: 28855 QC Preparation: 2006-12-28 Prepared By: SM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	194	mg/Kg	2	200	11.219	91	70 - 130

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	202	mg/Kg	2	200	11.219	95	70 - 130	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 33195

Date Analyzed: 2006-12-28

Analyzed By: SM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.6	100	85 - 115	2006-12-28

Standard (CCV-1)

QC Batch: 33195

Date Analyzed: 2006-12-28

Analyzed By: SM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2006-12-28

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TraceAnalysis, Inc. 6701 Alameda Avenue, Suite B Lubbock, Texas 79424 Tel (806) 794-1298 Fax (806) 794-1298 1 (800) 378-1298		5002 Basin Street, Suite A1 Midland, Texas 79703 Tel (432) 689-6301 Fax (432) 689-6313		200 East Sunset Rd., Suite E El Paso, Texas 79922 Tel (915) 585-3413 Fax (915) 585-4844 1 (888) 588-3443		8815 Harris Pkwy., Suite 110 Ft. Worth, Texas 76132 Tel (817) 201-5280										
Company Name: New Mexico Environmental Services Address: (Street, City, Zip) Box 310 Hobbs N.M. 88241 Contact Person: Cris Bush Email: cris@traceanalysis.com Phone #: 505-441-0403 Fax #: 505-392-3085		ANALYSIS REQUEST (Circle or Specify Method No.)														
Invoice to: Cenarex Energy (If different from above) Project #: Pipeline A Fed Com #3		Project Name: Pipeline A Fed Com #3 Sampler Signature: Cris Bush														
Project Location (including state): Sec 8, T19S, R34E, AP# 30-025-37192 Lea Co		Project Location (including state): Sec 8, T19S, R34E, AP# 30-025-37192 Lea Co														
LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX				PRESERVATIVE METHOD				SAMPLING		Hold		
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	NONE		DATE	TIME
12277	#001 E. Leg 8'	1	102	X										12/27	9:00am	
92	#002 N. Leg 8'	1	102	X										9:00am		
93	#003 E. Inside Leg 10'	1	102	X										10:00am		
94	#004 W. Inside Leg 10'	1	102	X										10:00am		
95	#005 W. Leg 10'	1	102	X										11:00am		
96	#006 Background	1	102	X										11:00am		
Relinquished by: Cris Bush Date: 12/28/06 Time: 7:00am		Received by: [Signature] Date: 12/28/06 Time: 7:00am		LAB USE ONLY				REMARKS:								
Relinquished by: [Signature] Date: 12/28/06 Time: 1:20pm		Received by: [Signature] Date: 12/28/06 Time: 1:20pm		Initial: [Signature]				☐ Dry Weight Basis Required ☐ TRRP Report Required ☐ Check If Special Reporting Limits Are Needed								
Relinquished by: [Signature] Date: 12/28/06 Time: 1:20pm		Received at Laboratory by: [Signature] Date: 12/28/06 Time: 1:20pm		Temp: RT				Log-In Review: [Signature]								
Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.		Carrier # Compton														

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